MODIFIED PTO/SB/08 (08-00) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no present are required to respond to a collection of information unless it contains a valid OMB control

			HEAT.		
Substitute fo	or form 1449B	/PTO		Complete if Known	
INFORMATI	ON DISCLO	SURE	Application Number	09/942,023	
STATEMEN	T BY APPLI	ICANT	Filing Date	08/30/2001	
Data Cultarii	Hadi May 15	2002	First Named Inventor	Toshiaki SASAMORI et al.	
Date Submit	iteu: May 15	, 2003	Group Art Unit	2182	
(use as many s	sheets as ne	cessary)	Examiner Name	Unassigned	
1	of	1	Attorney Docket Number	084234-0104	
	INFORMATI STATEMEN Date Submit	INFORMATION DISCLO STATEMENT BY APPL Date Submitted: May 15 (use as many sheets as ne	Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 15, 2003 (use as many sheets as necessary)	Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 15, 2003 (use as many sheets as necessary) First Named Inventor Group Art Unit Examiner Name	Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 15, 2003 (use as many sheets as necessary) Complete if Known Application Number 09/942,023 Filing Date 08/30/2001 First Named Inventor Group Art Unit 2182 Examiner Name Unassigned

	U.S. PATENT DOCUMENTS										
		U.S. Patent	Document	Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages, Columns, Lines, Where Relevant					
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)		Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear					
(AX	A1	6,111,888		Green et al.	08-29-2000						
						RECEIVED					
						MAY 1 9 2003					
						Technology Center 2100					
	 										

Examiner	Cite	Fore	eign Patent D	ocument	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant	
Initials*	No. ¹	Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Documents	MM-DD-YYYY	Passages or Relevant Figures Appear	Ţ
								+
								T
		 						\perp
								┿
								+
								I
								4-

e (s),	
)L 47	147,

Examiner Signature	Date Considered	4/26/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450. Alexandria, Virginia 22313-1450.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English Japanese Translation is attached. English language Translation is attached.

MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

· Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

number.	•					
Harrison.	Substitute fo	or form 1449B	/PTO		Complete If Known	1
	INFORMATI	ON DISCLO	SURE	Application Number	09/942,023	Auto
	STATEMEN			Filing Date	08/30/2001	AUG 2 4 2004
	5-4-	0.1		First Named Inventor	Toshiaki SASAMOR	E 3
	Date	Submitted:		Group Art Unit	2663	3
	(use as many	sheets as ne	ecessary)	Examiner Name	Chau T. Nguyen	PADEMARY
Sheet	1	of	1	Attorney Docket Number	084234-0104	

				U.S. PATENT DOCUMENTS		
		U.S. Patent	Document	Name of Patenton or Applicant of	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear

				FC	REIGN PATENT DOCUMEN	TS		
Examiner Initials*	Cite No.1	Fore Office ³	eign Patent D	Ocument Kind Code ⁵	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T-1
		Office	110111001	(if known)			Liguies Appear	+
								+
					·/			

-		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the article (when ap					
Q8	C1	J.D. DECOTIGNIE et al., "Producer-Distributor-Consumer Model on Controller Area Network", Proceedings of the IFAC/IFIC Workshop, Real Time Programming, pp. 35-42, November 6, 1995.				
	C2	S. Hong et al., "Bandwidth Allocation Scheme in CAN Protocol", IEE Proceedings D. Control Theory & Applications, Institution of Electrical Engineers, Stevenage, GB, Vol. 147, No. 1, pp. 37-44, January 25, 2000				
	C3	S. Cavalieri et al., "Jitter-Based Policies to Improve Asynchronous Bandwidth Explotation in Fieldbus Communication Systems", Industrial Electronics, Control and Instrumentation, Proceedings of the 1996 IEEE and IECON 22 nd International Conference on Taipel, Tawian, pp. 916-921, August 5, 1996				
	C4	S. Cavalieri et al., "CAN Assessment in Time-Critical Cyclic Application Through Petri Net Model", Industrial Electronics, Control and Instrumentation, Proceedings of the 1996 IEEE and IECON 22 nd International Conference on Taipei, Tawian, pp. 922-927, August 5, 1996				
1/	C5	S. Cavalieri et al., "Exploiting FDDI communication features to connect Fieldbuses in Process Control Environment", Local Computer Networks, 1994, 19 th Conference on Minneapolis, MN, USA, IEEE Computer Soc. pp. 59-66. October 2, 1994				
all	C6	S. Cavalieri et al., "Enhancing Performance in Fieldbus Communication Systems"; Emerging Technologies and Factory Automation, 1996. IEEE Conference on Kauai, HI, USA, pp. 609-615, November 18, 1996				
		RECEIVED				
	-	AUG 2 6 2004				
	<u> </u>	Technology Center 2000	Ь			

			تضكمتهند		_
Examiner Signature	QQ	Date Considered	4/	26/86	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English tanguage Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

	Substitute fo	r form 1449B	/PTO		Complete If Known	
	INFORMATION	ON DISCLO	SURÉ	Application Number	09/942,023	0/8
	STATEMEN			Filing Date	08/30/2001	The state of the s
	Date Submitted: January 14, 2004			First Named Inventor	Toshiaki SASAMORI	S Jan
	Date Submitte	d: January 1	4, 2004	Group Art Unit	2663	2 1/2
	(use as many s	heets as ne	cessary)	Examiner Name	Chau T. Nguyen	200, 8
Sheet	1	of	1	Attorney Docket Number	084234-0104	E 4
						Sugar DEED

	U.S. PATENT DOCUMENTS									
Examiner Cite No.1		U.S. Patent	Document		Date of Publication of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document. MM-DD-YYYY					
Ma	B1	4,587,650		BELL	05-06-1986					
						·				
						• • • • • • •				

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Offic	Foreign Patent De ³ Number ⁴	Ocument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6	
al	B2	JP	9-247192		MITSUBISHI ELECTRIC CORP.	09-19-1997		Α	
al	B3	JP	02-014640		FIRST PACIFIC COMMUN. CORP.	01-18-1990		Α	
40	B4	JP	61-108287					-	
			<u> </u>						

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T⁰				
		2.					

Examiner Signature	all-	Date Considered	426(86

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.